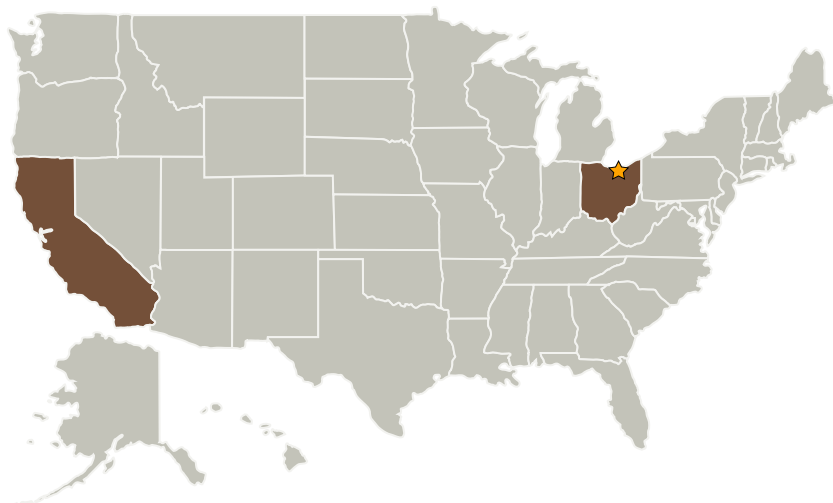


Improved Operation and Lifetime of High-Power Hall Thrusters,  
Phase I

Completed Technology Project (2003 - 2003)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Glenn Research Center(GRC)	Lead Organization	NASA Center	Cleveland, Ohio
Ultramet	Supporting Organization	Industry	Pacoima, California

## Primary U.S. Work Locations

California	Ohio
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Improved Operation and  
Lifetime of High-Power Hall  
Thrusters, Phase I

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Organizational  
Responsibility**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Center / Facility:**

Glenn Research Center (GRC)

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

# Improved Operation and Lifetime of High-Power Hall Thrusters, Phase I

Completed Technology Project (2003 - 2003)



## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

**Principal Investigator:**

Brian J Williams

## Technology Areas

**Primary:**

- TX14 Thermal Management Systems
  - └ TX14.2 Thermal Control Components and Systems
    - └ TX14.2.8 Measurement and Control